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comprises using an intermediate condenser above the feed tray of said heads column and below the reflux condenser of said heads column.

11. The process of claim 1, wherein said heads column comprises a reflux condenser and a reflux stream and wherein said operating manner of said heads column comprises subcooling the reflux stream to said heads column.

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12. The process of claim 1, wherein said operating manner of said heads column comprises reducing operating pressure of said heads column so that the aqueous liquid phase is reduced with pressure reduction.

13. Acrylonitrile, methacrylonitrile or hydrogen cyanide produced by the process of claim 1.

Remarks

Applicant has amended the specification to correct typographical errors.

Applicant has amended the specification to add a reference to the "side decanter" and "intermediate condenser" added to the Figure. Support for this amendment to the specification is in claims 6 and 9 and in Examples 7 and 5.

Applicants have cancelled Claims 3-5. Applicant is not abandoning or canceling any invention thereby. Claims 1, 7, 8, 9, 11, 12 and 13 have been amended to provide proper antecedent basis for the items identified by the Examiner.

Applicant has submitted a revised Figure showing the "side decanter" as claimed in claim 6 and "intermediate condenser" as claimed in claim 9. Such devices are also set forth in Example 5 (intermediate condenser) and Example 7 (decanter). Therefore, Applicant respectfully submits no new matter has been added to the patent application by the change to the Figure.

Rejection for Obviousness-Type Double Patenting

The Examiner rejected Claims 1, 4 and 5 under the judicially created doctrine of obviousness-type double patenting as being unpatentable over Claims 1-3 of U.S. Patent No. 6,296,737. Although not admitting that there is obviousness-type double patenting, in order to further the prosecution of the present patent application, Applicant is submitting herewith a proper terminal